Turnaround Time Dashboard

Reporting period: 11/08/2020 - 11/14/2020

The turnaround time measured is defined as the time between collection of specimen and reporting of results. This includes time to collect the specimen, time to ship the specimen and time to process the specimen and report the result. Some delays incurred between specimen collection and lab receipt of specimen may not be attributable to the labs. The turnaround time data for individual test results are currently only available at the date level (vs. date & timestamp). As such, the turnaround time calculations are based on whole day. On occasion, turnaround time may be higher if there is a date change between collection of specimen and reporting of results. Labs that delivered more than 1,000 results in the week are included in the dashboard.

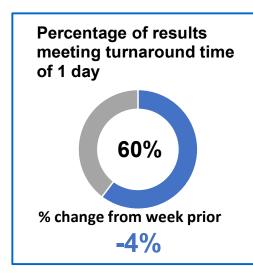
The data source for the analysis is CalREDIE; detailed methodology is included at the end of the document.

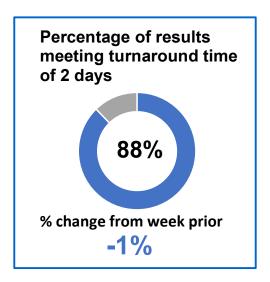


Average turnaround time for week 11/08/20-11/14/20

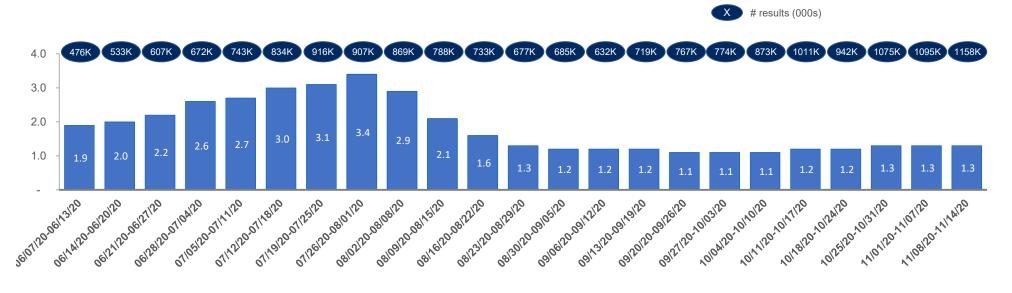
Average turnaround time from specimen collection to lab result (days)

Days





Average turnaround time by week, days1



^{1.} Average turnaround times were determined based on date timestamp data only - hour timestamp currently unavailable

^{2.} Results assigned to week based on specimen result date; Results may be delayed entering CalREDIE production, therefore the metrics retroactively change

		Week of	11/08/20-11/					
of time with majority of results se in % results within 2 days from prior period d as -1 to 1% change in results within 2 days from prior period	Total test count	1 day, % of results	2 days, % of	3 days - 4 days, %	5+ days, % of	Total results within 2 days, %	Difference in % of results within 2 days from prior	Specimen collection to
d as -1 to 1% change in results within 2 days from prior period see in % results within 2 days from prior period		Tuly, Northstates	results	of results	results	of results	days from prior period ⁴	result average TAT (days) ¹
Total	1,157,997	60%	27%	10%	2%	88% 100%	- 0%	1.3
Labs Curative Fulgent Genetics	111,126	43%	53%	3%	0%	97%	4%	1.1
Quest	96,629	23%	52%	24%	1%	75%	△ 3%	2.1
Labcorp	91,235	36%	53%	10%	1%	89%	1%	1.8
Avellino	39,724	100%	0%	0%	0%	100%	- 0%	<1
Helix OpCo	33,435	58%	30%	12%	0%	88%	-4%	1.0
Color Genomics	32,249	95%	5%	0%	0%	100%	- 0%	<1
SummerBio	24,755	100%	0%	0%	0%	100%	0%	<1
Priva Path (dba LGC Labs)	20,591	93%	5% 15%	2%	0% 5%	98% 36%	<u>→</u> 30%	1.1
WestPac Labs	19,239	80%	15%	4%	0%	95%	-1%	<1
Exceltox	12,048	100%	0%	0%	0%	100%	- 0%	<1
StemExpress	9,539	49%	47%	3%	0%	96%	▼ -3%	1.5
Primex Clinical Laboratories	8,764	100%	0%	0%	0%	100%	- 0%	<1
MiraDx	8,733	65%	28%	7%	1%	93%	1%	1.3
Verily Labs	8,498	98%	2%	0%	0%	100%	<u>100%</u>	<1
Biocept	8,131	100%	0%	0%	0%	100%	- 0%	<1
HealthQuest Esoterics	5,924	53%	23%	19%	4%	77%	△ 20%	1.5
STS Lab 2	5,364 4,716	64%	23%	10%	2%	88%	-1%	1.0
Genetwork	4,571	58% 100%	26%	15%	2%	83%	1% 0%	1.2
Vitae Diagnostics IGeneX	4,046	100%	14%	3%	1%	100% 97%	1%	1.1
IGeneX AIT Labs	3,801	2%	26%	62%	11%	97%	- 1% 	3.3
AIT Labs CMB Labs	3,786	100%	0%	0%	0%	100%	- 0%	<1
Genesis Laboratory Management	3,670	76%	18%	5%	1%	94%	1%	1.3
Valley Clinical Laboratory	3,458	56%	25%	19%	0%	81%	▼ -19%	1.4
Genesis Reference Laboratories	3,231	64%	24%	11%	1%	88%	<u>4%</u>	1.5
Ambry Genetics	2,736	100%	0%	0%	0%	100%	- 0%	<1
Foundation labs	2,733	86%	8%	4%	1%	95%	-1%	1.3
Clinical Reference Laboratory	2,718	6%	46%	42%	6%	52%	△ 3%	2.7
UDL	2,599	88%	11%	1%	0%	99%	- 0%	1.1
Pacific Diagnostic Laboratories	2,182	97%	3%	0%	0%	100%	- 0%	<1
Sun Clinical Laboratories	1,769	100%	0%	0%	0%	100%	0%	<1
ARUP Sunrise Diagnostic Laboratory	1,606	2%	6% 19%	85% 1%	7%	8% 99%	2%	1.0
Universal Diagnostic Laboratories	1,604	63%	12%	22%	3%	75%	-8%	1.7
MD Labs	1,554	100%	0%	0%	0%	100%	- 0%	<1
Healthy Care Clinical Laboratories	1,506	100%	0%	0%	0%	100%	- 0%	<1
Phamatech Laboratories & Diagnostics	1,268	100%	0%	0%	0%	100%	- 0%	<1
Mako Medical	1,196	100%	0%	0%	0%	100%	- 0%	<1
Pangea Labs	1,142	98%	3%	196	0%	99%	1%	<1
Other Commercial (n=52)	9,946	86%	10%	3%	0%	96%	▼ -2%	<1
Total Commercial	769,695	60%	31%	8%	1%	91%	₾ 2%	1.3
nter Abs Kaiser NorCal	60,887	19%	47%	32%	2%	66%	- 0%	2.2
Kaiser SoCal	56,535	86%	14%	0%	0%	100%	- 0%	1.0
Sutter Health	18,047	96%	4% 7%	2%	0%	100%	- 0%	<1
Dignity Health UC Irvine	12,312	52%	36%	12%	1%	97%	-2%	1.5
Stanford Hospital and Clinics	11,172	73%	23%	3%	0%	96%	-3%	1.0
Santa Clara Valley Medical Center	8,461	63%	34%	3%	0%	97%	-3%	1.3
Providence Health & Services	8,164	94%	3%	2%	0%	97%	▲ 2%	<1
Calm Lab	7,570	99%	1%	0%	0%	100%	- 0%	<1
ucsf	7,077	64%	9%	13%	14%	73%	▼ -5%	1.7
Sharp HealthCare	6,845	65%	15%	10%	9%	81%	<u></u> 1%	1.8
UCLA	6,267	96%	3%	1%	0%	99%	- 0%	<1
Innovative Genomics Institute	5,798	100%	0%	0%				
нса	5,034				0%	100%	- 0%	<1
		98%	2%	0%	0%	100%	- 0%	<1
Scripps	4,362	100%	0%	0%	0%	100%	- 0% - 0%	<1 <1
Adventist Health	3,678	100%	0% 6%	0% 0% 7%	0% 0% 1%	100% 100% 92%	- 0% - 0%	<1 <1 <1
Adventist Health Cedars-Sinal Medical Center	3,678	100% 86% 91%	0% 6% 7%	0% 0% 7% 1%	0% 0% 1% 1%	100% 100% 92% 98%	0% 0% 3% 2%	ব ব ব ব
Adventist Health Cedars-Sinal Medical Center Loma Linda University Health	3,678	100%	0% 6%	0% 0% 7%	0% 0% 1%	100% 100% 92%	- 0% - 0%	<1 <1 <1
Adventist Health Codars-Sinal Medical Center Lona Linda University Health University of Southern California - Los Angeles	3,678 3,481 2,976	100% 86% 91% 98%	0% 6% 7%	0% 0% 7% 1% 2%	0% 0% 1% 1%	100% 100% 92% 98% 97%	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	ধ ধ ধ ধ ধ
Adventist Health Cedars-Sinal Medical Center Loma Linda University Health	3,678 3,481 2,976 2,841	100% 86% 91% 98% 98%	0% 6% 7% 1% 2%	0% 0% 7% 1% 2%	0% 0% 1% 1% 1%	100% 100% 92% 98% 97% 100%	0% 0% 0% 3% 2% 0% 1%	ব ব ব ব ব
Adventist Health Codars-Sinal Medical Center Lona Linda University Health University of Southern California - Los Angeles UC Davis	3,678 3,481 2,976 2,841 2,393	100% 86% 91% 96% 98% 97%	0% 6% 7% 1% 2% 3%	0% 0% 7% 1% 2% 0%	0% 0% 1% 1% 1% 0%	100% 100% 92% 98% 97% 100%	0% 0% 0% 3% 2% 0% 1% 0%	বা বা বা বা বা বা
Adventist Health Codurs-Sinni Medical Center Lona Linda University Health University of Southern California - Los Angeles UC David Community Medical Centers	3,678 3,481 2,976 2,841 2,393 2,215	100% 86% 91% 98% 98% 97%	0% 6% 7% 1% 2% 3%	0% 0% 7% 1% 2% 0% 0%	0% 0% 1% 1% 1% 0% 0% 0%	100% 100% 92% 98% 97% 100% 100%	0% 0% 0% 2% 0% 1% 0% 0%	41 41 41 41 41 41 41
Adventist Health Coders-Sinal Medical Center Lona Linda University Health University of Southern California - Los Angeles UC Davis Community Medical Centers Coutra Costa Medical Center	3,678 3,481 2,976 2,841 2,393 2,215 2,071	100% 86% 91% 98% 98% 98% 97% 100%	0% 6% 7% 1% 2% 3% 0%	0% 0% 7% 1% 2% 0% 0% 0%	0% 0% 1% 1% 1% 0% 0% 0% 0%	100% 100% 92% 98% 97% 100% 100%	0% 0% 0% 3% 2% 0% 1% 0% 0%	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Adventist Health Coders-Sinal Medical Center Lona Linda University Health University of Southern California - Los Angeles UC Davis Community Medical Centers Contra Costa Medical Center Zuckenterg San Francisco General Hospital	3,678 3,481 2,976 2,841 2,393 2,215 2,071 2,015 1,890 1,798	100% 88% 91% 98% 98% 97% 100% 91%	0% 6% 7% 1% 2% 3% 0% 9%	0% 0% 1% 1% 2% 0% 0% 0% 0% 1%	0% 0% 1% 1% 1% 1% 0% 0% 0% 0%	100% 100% 92% 98% 97% 100% 100% 100%	0% 0% 0% 3% 2% 0% 1% 0% 0% 2%	4 4 4 4 4 4 4 4 4 4
Adventist Health Coders-Sinal Medical Center Lons Linds University Health University of Southern California - Los Angeles UC Devis Community Medical Centers Community Medical Centers Lockenberg San Francisco General Hospital Cal Poly	3,678 3,481 2,976 2,841 2,393 2,215 2,071 2,015 1,890 1,798 1,719	100% 88% 91% 98% 98% 97% 100% 91% 97% 88% 100%	0% 6% 7% 1% 2% 3% 0% 9%	0% 0% 7% 15% 25% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	0% 0% 1% 1% 1% 1% 0% 0% 0% 0%	100% 100% 92% 98% 97% 100% 100% 100% 98% 94%	0% 0% 0% 3% 2% 0% 1% 0% 0% 0% 0% 0% 0% 0% 0% 0%	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Advertist Health Codars-Sinal Medical Center Lone Linds University Health University of Southern California - Los Angeles UC Davis Community Medical Centers Contro Costa Medical Centers Zuckenterg San Francisco General Hospital Cal Poly Venturs County Hospital	3,672 3,481 2,976 2,841 2,393 2,215 2,071 2,015 1,890 1,798 1,719	100% 86% 91% 96% 96% 96% 97% 100% 96% 96% 96% 96% 96% 96% 96% 96% 96% 96	0% 6% 7% 1% 2% 3% 0% 9% 9% 0% 2% 5% 5%	0% 0% 7% 1% 1% 2% 0% 0% 0% 0% 0% 0% 0% 6% 6%	0% 0% 1% 1% 1% 1% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 92% 98% 97% 100% 100% 100% 100% 98% 94% 100%	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	त त त त त त त त त त त त त त त त त त त
Adventist Health Codars-Sinal Medical Center Lona Linda University Health University of Southern California - Los Angeles UC Davis Community Medical Centers Contra Costa Medical Centers Zuckerberg San Francisco General Hospital Cal Poly Ventura County Hospital Children's Hospital Los Angeles Mayo Clinic MemorialCare	2,075 2,281 2,285 2,285 2,275 2,275 2,275 1,280 1,795 1,779 1,179	100% 86% 91% 96% 98% 97% 100% 91% 86% 100%	0% 6% 7% 1% 1% 2% 3% 0% 9% 2% 9% 0% 5% 0%	0% 0% 7% 1% 1% 2% 0% 0% 0% 0% 0% 0% 1% 0% 1% 0% 0% 0% 0%	0% 0% 1% 1% 1% 1% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100%, 100%, 92%, 98%, 97%, 100	- 0% - 0% - 0% - 2% - 2% - 0% - 0% - 0% - 0% - 0% - 0% - 0% - 0	त त त त त त त त त त त त त त त त त त त
Advertist Health Costars-Sinal Medical Center Lone Linds University Health University of Southern California - Los Angeles UC Davis Community Medical Centers Contra Costa Medical Centers Zuckerberg San Francisco General Hospital Cal Poly Ventura County Hospital Children's Hospital Los Angeles Mayo Clinic MemorialCare Huntington Hospital	2,072 2,441 2,295 2,244 2,295 2,215 2,297 2,015 1,179 1,179 1,179	100% 86% 91% 96% 96% 96% 96% 96% 96% 97% 100% 97% 100% 97% 100% 97% 100% 100% 100% 100% 100%	0% 6% 7% 1% 1% 2% 3% 0% 9% 2% 5% 6% 0% 0%	0% 0% 7% 1% 2% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	0% 1% 1% 1% 1% 0% 0% 0% 0% 0%	100%, 100%,	- 0% - 0% - 0% - 0% - 0% - 0% - 0% - 0%	त त त त त त त त त त त त त त त त त त त
Advertist Health Codars-Sinal Medical Center Lona Linda University Health University of Southern California - Los Angeles UC Davis Community Medical Centers Contra Costa Medical Center Zockednery San Francisco General Hospital Cal Poly Ventura County Hospital Children's Hospital Los Angeles Mayo Clinic Memorial Care Huntington Hospital Kawash Dotta	2,072 2,441 2,295 2,244 2,295 2,215 2,071 2,075 1,799 1,179 1,179 1,071 1,085	100% 86% 91% 96% 91% 100% 100% 100% 100% 100%	0% 6% 7% 1% 2% 3% 6% 9% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6%	0% 0% 7% 1% 1% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	0% 1% 1% 1% 1% 1% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 92% 98% 97% 100% 100% 100% 98% 94% 100% 100% 100%	- 0% - 0% - 0% - 0% - 1% - 0% - 0% - 0% - 0% - 0% - 0% - 0% - 0	41 41 41 41 41 41 41 41 41 41 41 41 41 4
Advertist Health Ceders-Sinst Medical Center Lone Linds University Health University of Southern California - Les Angeles UC Davis Community Medical Centers Contra Costa Medical Center Zuckerberg San Francisco General Hospital Cal Poly Ventura County Hospital Children's Hospital Los Angeles Mayo Clinic Menorial Cene Huntington Hospital Kawash Deta Other Medical Center Affiliated (nr94)	2,075 2,241 2,295 2,241 2,295 2,295 1,295 1,795 1,799 1,799 1,799 1,799 1,799 1,799 1,799	100% 86% 91% 96% 91% 96% 97% 100% 91% 96% 100% 96% 96% 96% 96% 96% 96% 96% 96% 96% 96	0% 6% 7% 1% 2% 3% 6% 9% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6%	0% 0% 7% 1% 2% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	0% 1% 1% 1% 1% 1% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 92% 98% 97% 100% 100% 100% 100% 100% 100% 100% 10	- 0% - 0% - 0% - 2% - 0% - 1% - 0% - 0% - 0% - 0% - 0% - 0% - 0% - 0	त त त त त त त त त त त त त त त त त त त
Adventist Health Cedars-Sinal Medical Center Lona Linda University Health University of Southern California - Los Angeles UC Davis Community Medical Centers Contra Costa Medical Center Zuckerherg San Francisco General Hospital Cal Poty Ventura County Hospital Children's Hospital Los Angeles Mayo Clinic MemorialCare Huttington Hospital Casasha Data Other Medical Center Affiliated (n=\$4) Total Medical Center Affiliated	2,679 2,441 2,279 2,279 2,275 2,275 2,275 2,275 2,275 2,275 1,779	100% 86% 91% 96% 96% 97% 100% 97% 66% 100% 100% 100% 100% 100% 100% 100%	0% 0% 7% 1% 1% 2% 0% 9% 2% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	0% 0% 7% 1% 2% 0% 0% 0% 0% 0% 1% 0% 0% 1% 0% 0% 1% 0% 0% 0% 1% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	0% 0% 1% 1% 1% 0% 0% 0% 0% 0% 0% 0% 0% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1%	100%, 100%,	- 0% - 0% - 0% - 0% - 0% - 0% - 1% - 0% - 1% - 0% - 0% - 0% - 0% - 0% - 0% - 0% - 0	41 41 41 41 41 41 41 41 41 41 41 41 41 4
Advertist Health Codars-Sinal Medical Center Lona Linda University Health University Health University of Southern California - Los Angeles UC Davis Community Medical Centers Contra Costa Medical Centers Zuvehnerg San Francisco General Hospital Cal Poby Ventura Country Hospital Children's Hospital Los Angeles Mayo Clinic Memoristicare Huntington Hospital Kawash Data Other Medical Center Affiliated (19-54) Total Medical Center Affiliated Valencia Regional Lob (VRL)	2.61 2.261 2	100% 86% 97% 100% 96% 97% 100% 96% 100% 100% 100% 100% 100% 100% 100% 10	0% 6% 7% 1% 2% 3% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	0% 0% 7% 1% 2% 0% 0% 0% 0% 0% 0% 0% 0% 0% 1% 0% 0% 0% 0% 1% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	0% 0% 1% 1% 1% 0% 0% 0% 0% 0% 0% 0% 0% 0% 1% 1% 1% 23%	100% 100% 92% 98% 100% 100% 100% 100% 98% 94% 100% 100% 100% 100% 100% 100% 100% 10	- 0% - 0% - 0% - 0% - 0% - 0% - 0% - 0%	41 41 41 41 41 41 41 41 41 41 41 41 41 4
Advertist Health Cotars-Sinal Medical Center Lone Linds University Health University of Southern California - Los Angeles UC Davis Community Medical Centers Contre Costa Medical Center Zuckenberg San Francisco General Hospital Cal Poly Venhurs County Nespital Children's Nospital Los Angeles Mayo Clinic MemoriaCars Huntington Hospital Kawash Data Other Medical Center Affiliated (n=#6) Total Medical Center Affiliated Universit Regional Lab (VRL) Contra Costa PHL	2,679 2,441 2,279 2,279 2,275 2,275 2,275 2,275 2,275 2,275 1,779	100% 86% 91% 96% 97% 100% 96% 100% 96% 100% 96% 100% 96% 100% 96% 100% 96% 100% 100% 100% 100% 100% 100% 100% 10	0% 0% 7% 1% 1% 2% 0% 9% 2% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	0% 0% 7% 1% 1% 2% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	0% 0% 1% 1% 1% 0% 0% 0% 0% 0% 0% 0% 0% 0% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1%	100%, 100%,	- 0% - 0% - 0% - 0% - 3% - 2% - 0% - 0% - 0% - 0% - 0% - 0% - 0% - 0	41 41 41 41 41 41 41 41 41 41 41 41 41 4
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Methodology for calculating lab turnaround time (TAT) from specimen collection to lab result

Data

- Data source CalREDIE Electronic Lab Reporting (ELR) messages received in CalREDIE production
- "Specimen collected date" and "Result date" are reported by the laboratory via HL7 ELR messages

Assumptions

- Specimens collected prior to 3/1/2020 excluded from analysis due to potential concerns with data accuracy
- Only labs processing at least 1K tests during the reporting period are included in the lab breakdown
- The turnaround time measured is defined the time between collection of specimen and reporting of results.
 - This includes time to collect the specimen, time to ship the specimen and time to process the specimen and report the result. Some delays incurred between specimen collection and lab receipt of specimen may not be attributable to the labs.
- The turnaround time data for individual test results are currently only available at the date level (vs. date & timestamp). As such, the turnaround time calculations are based on whole day. On occasion, turnaround time may be higher if there is a date change between collection of specimen and reporting of results.
- Sample calculation
 - Example data: Specimen collected date: 7/20, Result date: 7/27, DISA arrival date: 7/27
 - Specimen collection to CDPH receipt of lab result = Result date (7/27) Specimen collected date (7/20) = 7 days
 - Lab result to CDPH receipt of lab: DISA arrival date (7/27) Result date (7/27) = <1 day

Additional notes

- The metrics described may differ from other state-reported data. The testing volumes in this report includes only ELR messages received in CalREDIE production
- Results are assigned to week based on specimen result date and there may be a delay in releasing results into CalREDIE production, as local health jurisdictions
 may still be processing the result in the reported period. As such, the metrics may retroactively change as results come in for prior reporting periods
- The metrics described may differ from other state-reported data. The testing volumes in this report includes only ELR messages received in CalREDIE production

